

Converting Colors

$Yxy(37.6124, 0.3962, 0.3287)$

Have a look what the booklet for
Yxy(37.6124, 0.3962, 0.3287)
contains.

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Color

Yxy(37.5204, 0.3953, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	DE9091
RGB	222, 144, 145
RGB Percent	87%, 56%, 57%
CMY	0.1292, 0.4354, 0.4313
CMYK	0.00, 0.35, 0.35, 0.13
HSL	359°, 54%, 72%
HSV	359°, 35%, 87%
XYZ	45.2189, 37.5204, 31.6521
YIQ	167.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

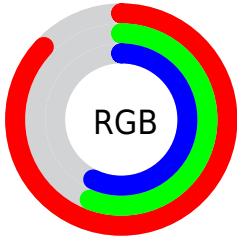
Format	Color
R _Y B	222, 144, 145
Decimal	14586001
CIE Lab	67.67, 29.70, 11.76
CIE LCh	68, 31.946, 21.605
Yxy	37.5204, 0.3953, 0.3280
Android (android.graphics.Color)	4292776081 (0xFFDE9091)
YUV	167.4360, -11.0609, 47.8526
Hunter-Lab	61.2539, 24.5782, 12.2404

Details

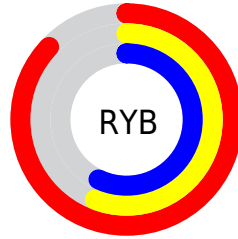
The Yxy color **37.5204, 0.3953, 0.3280** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.4144, 0.2639, 0.3301**, and the grayscale version is **38.9067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2304, 0.3577, 0.3291**, and **16.6543, 0.4210, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **30.8336, 0.4322, 0.3278**, and if you desaturate by 10%, it is **45.6639, 0.3650, 0.3283**.

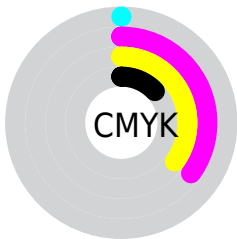
Distribution



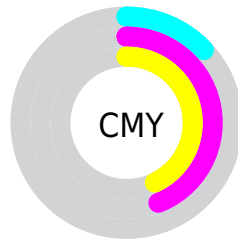
- Red (87%)
- Green (56%)
- Blue (57%)



- Red (87%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (13%)




- Cyan (13%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5204, 0.3953, 0.3280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 37.5204, 0.3953, 0.3280 by changing the saturation by 10% instead.


 37.5204, 0.3953,
0.3280


 37.5204, 0.3953,
0.3280


335.5581, 0.3521,
0.3296

 25.6107, 0.4067,
0.3272


 71.3724, 0.3792,
0.3289

 16.5326, 0.4216,
0.3259

 94.0835, 0.3732,
0.3291

 9.9018, 0.4420,
0.3237


121.1639, 0.3683,
0.3293

 5.3339, 0.4714,
0.3196

152.9979, 0.3641,
0.3294

 2.4445, 0.5171,
0.3112

189.9699, 0.3604,
0.3295

 0.8486, 0.6464,
0.3158

232.4643, 0.3573,

 0.0000, 1.0000,


0.3296


0.0000


280.8656, 0.3545,
0.3296


 0.0000, 0.0000,
0.0000

 37.5204, 0.3953,
0.3280


 37.5204, 0.3953,
0.3280


 30.8336, 0.4322,
0.3278


 45.6639, 0.3650,
0.3283

 25.5125, 0.4754,
0.3277

 55.3369, 0.3407,
0.3286


 21.4646, 0.5228,
0.3277

 66.6143, 0.3212,
0.3289

 18.5836, 0.5695,
0.3280

 79.5642, 0.3056,
0.3291

 16.7461, 0.6081,
0.3286

 94.2487, 0.2931,
0.3294

■ 15.8007, 0.6321,
0.3293

■ 94.2765, 0.2929,
0.3289

■ 15.5429, 0.6390,
0.3294

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.5204, 0.3575, 0.2923



37.5204, 0.3953, 0.3280



37.5204, 0.4087, 0.3662

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.5204, 0.3953, 0.3280



37.5204, 0.3108, 0.4058



37.5204, 0.2352, 0.2573

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.5204, 0.3953, 0.3280



63.4144, 0.2639, 0.3301

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.5204, 0.2252, 0.2807



37.5204, 0.3953, 0.3280



37.5204, 0.2665, 0.3692

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.5204, 0.3953, 0.3280



37.5204, 0.3577, 0.4157



37.5204, 0.2360, 0.3213



37.5204, 0.2646, 0.2528

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.5204, 0.3953, 0.3280



37.5204, 0.4019, 0.3893



37.5204, 0.2360, 0.3213



37.5204, 0.2296, 0.2630

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.5222, 0.3953, 0.3280



81.7346, 0.3322, 0.3287



40.5490, 0.3156, 0.2419



17.0539, 0.3349, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5222, 0.3953, 0.3280



44.5885, 0.4210, 0.3278



50.8874, 0.3806, 0.3736



13.7035, 0.3290, 0.3287



9.2294, 0.6386, 0.3292



0.6408, 0.6342, 0.3267

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.5222, 0.3953, 0.3280



44.5885, 0.4210, 0.3278



45.6154, 0.2566, 0.2794



13.7035, 0.3290, 0.3287



9.2294, 0.6386, 0.3292



0.6408, 0.6342, 0.3267

Previews

White Background



This preview shows how the Yxy color 37.5204, 0.3953, 0.3280 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 37.5204, 0.3953, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

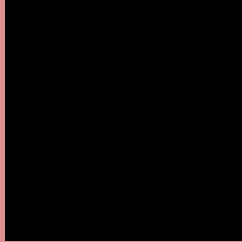
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.5204, 0.3953, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 37.5204, 0.3953, 0.3280.



This preview shows how white text looks on a background with the Yxy color 37.5204, 0.3953, 0.3280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.5204, 0.3953, 0.3280

Protanopia

37.8566, 0.3254, 0.3418

Deuteranopia

37.5681, 0.3588, 0.3522



Tritanopia

37.6328, 0.3878, 0.3173

Trichromacy



Original Color

37.5204, 0.3953, 0.3280

Protanomaly

37.1998, 0.3495, 0.3359

Deuteranomaly

37.5119, 0.3718, 0.3435

Tritanomaly

37.5349, 0.3912, 0.3209

Monochromacy



Original Color

37.5204, 0.3953, 0.3280

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8643, 0.3403, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5204, 0.3953, 0.3280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(222, 144, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 144, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.5204, 0.3953, 0.3280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 144, 145) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 144, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(222, 144,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5204, 0.3953, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 144, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
144, 145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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